

FEB 05 1982

6-1-79

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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

ZIP AEROSOL PRODUCTS D-5067

SECTION I

MANUFACTURER'S NAME Mitann, Inc.		EMERGENCY TELEPHONE NO. (213) 883-4700
ADDRESS (Number, Street, City, State, and ZIP Code) 21320 Deering Court Canoga Park, California 91304		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Zip Aerosol D-5067	
CHEMICAL FAMILY Petroleum	FORMULA Rust Preventive Compound	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Stoddard solvent				15	500 (est.)
Petroleum fractions, Mineral oil, and wax				10	N.A.
Halogenated Hydrocarbons				75	1000

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	> 100 TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemicals, foam			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS can explode if subjected to heat above 120°F.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

800 ppm (est.)

EFFECTS OF OVEREXPOSURE

Light headedness, giddiness, shortness of breath, possible narcosis

possible cardiac arrhythmias at high concentrations.

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air, call a Physician. Do not give epinephrine or similar drugs.

For skin or eye contact flush with water. If swallowed do not induce vomiting.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Open flames or high temperatures

STABLE

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INCOMPATIBILITY (Materials to avoid)

Alkali or Alkaline earth metals - powdered aluminum, zinc, beryllium, etc.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrochloric and Hydrofluoric acids, Phosgene, Carbon Dioxide, Carbon Monoxide.

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

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SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use absorbent material to pick up liquid. Ventilate area and remove open flame.

WASTE DISPOSAL METHOD

Bury saturated absorbent material.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Use air mask in high concentrations

VENTILATION

LOCAL EXHAUST

When large amounts are released

SPECIAL

MECHANICAL (General)
In low areas

OTHER

PROTECTIVE GLOVES

When handling liquid

EYE PROTECTION

When handling liquid, face shield or glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store containers in clean dry area.

Store in temperature below 120°F.

OTHER PRECAUTIONS

For Industrial use only.



TECHNICAL DATA

Quality
PRODUCTS FOR INDUSTRY

A DIVISION OF MITANN, INCORPORATED

21320 Deering Court

Canoga Park

California 91304

Phone (213) 883-4700

ZIP AEROSOL D-5067 CORROSION SHIELD (Conforms to MIL-C-16173 D) GRADE IV

Corrosion Shield D-5067 is an air drying transparent rust preventive coating. The product was originally developed to meet aircraft industry requirements.

Zip Aerosol D-5067 Corrosion Shield offers the following properties:

- . Recommended for use on aircraft, automotive, farm and industrial machinery.
- . Long term indoor and outdoor protection of ferrous and non-ferrous surfaces under severe corrosion conditions.
- . The protective film is self-healing and flexible.
- . The film will not check, crack or flake at temperatures down to 0°F.
- . Effective in atmospheres of high humidity, salt water spray and chemical fumes.
- . Protects parts subject to handling and storage.
- . Provides excellent protection for cables, parts, tools, sheet, rod and bar stock.

The physical properties listed below are present after the non-hazardous fluorinated hydrocarbon propellant evaporates.

PHYSICAL PROPERTIES

Flash Point	>112°F.	Viscosity, cps. 80°F.	100-500
Pour Point	10°F.	Film Thickness @ 77°F.	0.91 mils
Density @ 60°F.	7.1 lbs./gal.	Coverage @ 77°F.	>1000 sq. ft./gal.

Zip Aerosol D-5067 deposits an air drying, light colored transparent film on the surfaces to be protected. On clean, dry surfaces maximum protection results are obtained.

Removal of the protective film can be accomplished with either petroleum or chlorinated solvents.

Zip Aerosol D-5067 conforms to MIL-C-16173 D, Grade 4, Corrosion Preventive compound. The severe Salt Spray Chamber Test required under this specification shows this product to provide a minimum protection life of 14 days. The Humidity Chamber Test results showed a minimum protection life of 30 days.

The information contained herein is based on data believed to be reliable and correct. Since conditions of use are outside of our control, we can assume no liability for results obtained or damages incurred through use or misuse of the product or data presented.